## INDEX TO VOLUME XXI

New names and the final members of new combinations are in bold face type. Mistakes in the spelling of scientific names encountered in text are corrected in the index.

Abies, 100, 162, 235, 236; balsamea, 236, 237, 238, 242, 278; Fraseri, 236; grandis, 101; lasiocarpa, 237 Abutilon, 159, 163 Acalypha, 314, 315 Acanthus, 143

Acarospora amabilis, 249, 255, 256; bella, 250, 260; Brouardi, 249; chlorophana, 249, 251; chrysops, 250, 257; citrina, 260; contigua, 250, 256, 257; evoluta, 249, 254, 255; extenuata, 249, 251, 252; extenuata, 249, 251, 252; hilaris, 251, 252; oxytona, 249, 251; samoënsis, 250; Schleicheri, 249; socialis, 249, 252, 254, 255; sub-albida, 249, 250, 257; texana, 249,

250; xanthophana, 249, 259 Acarospora in North America, The yellow species of, A. H. Magnusson, 249

Acer, 190; macrophyllum, 104, 108; rubrum, 324; saccharum, 190 Actinomyces, 206, 207, 209, 215–217 Aecidium, 162; Allenii, 86, 88; arctoum, 88; biforme, 171; Sarcobati,

171; Sommerfeldtii, 171 Aesculus, 160

Agaricus, 335; campester hortensis, 41; campestris, 333; Tuber regium, 124

Agave, 163 Agrimonia, 195 Agropyron repens, 195, 290 Agrostis alba, 290

Aleurites moluccana, 314 Aleurodiscus candidus, 99; penicil-

latus, 99 Allium, 160, 162–164 Allodus, 170

Alnus, 99, 100, 102, 160; oregona, 108 Alternaria, 155-158, 216; crassa, 158; humicola, 207, 213; rugosa, 157; Solani, 158; tenuis, 155, 157, 158

Alternaria and Macrosporium, Tabulation of, P. A. Young, 155 Althaea rosea, 291

Amanita calyptroderma, 102; pan-therina, 102; pantherinoides, 103 Amaranthus, 162

Amaurochaete tubulina, 267 Ambrosia trifida, 195

Amygdalus, 159

Ancient Roman toadstool carved in stone, An, John W. Harshberger, 143 Andropogon scoparius, 290; virginicus. 291

Anemone virginiana, 290 Angelica genuflexa, 326

Aphanomyces phycophilus, 94; stellatus, 94

Aphanomycopsis, 94 Aphragmium, 94

Aphysa, 181 Apiosporina Collinsii, 327

Apium, 162 Arbutus, 162

Arctium Lappa, 194; minus, 290 Arcyria cinerea, 272; denudata, 272; digitata, 272; ferruginea, 272; in-carnata, 271; insignis, 272; 298;

299; insignis dispersa, 298; nutans, 271; Oerstedtii, 271; versicolor, 271 Armillaria amianthina, 103

Arnica, 162 Arontium aquaticum, 115 Arthoniactis gibbosa, 37

Arthopyrenia fluctigena, 40; **depto**sporiza, 39; prospersella, 39

Arthur, J. C., Another fern rust of the genus Desmella, 77; Proposed amendments to the international rules of nomenclature, 172

Arum virginicum, 115 Asclepias, 163

Asparagus, 159, 160, 163; officinalis, 183, 187, 290

Aspergillus, 206, 208, 216, 218; fumigatus, 207, 211; luchuensis, 207, 211; niger, 207, 211

Asphodelus, 162 Aster, 159, 171, 288; cordifolius, 290; prenanthoides, 288; tardiflorus, 189 Asterodon ferruginosum, 148

Avena, 159, 164; sativa, 290 Bacidia Lafayetteana, 35; subluteola, 34; tristis, 35

Badhamia panicea, 263, 322; rubiginosa, 263; utricularis, 263, 322

Bambusa, 163 Banker, Howard J., Notes on the Hydnaceae, 145 Baptisia, 163 Batrachospermum, 57 Benedict, D. M., Ustilago echinata Schröt., 84 Berberis vulgaris, 290 Beta, 160 Bigelowia, 161 Bilimbia Finkii, 35 Bolbitius vitellinus, 105 Boletinus pictus, 100 Boletus edulis, 100; flavus, 52; subtomentosus, 100; viscidus, 52 Botryodiplodia Theobromae, 317 Botryosphaeria, 313, 318, 319; Ribis, 313; Ribis chromogena, 314, 315 Botryosphaeria and Physalospora in the Hawaiian Islands, Neil E. Stevens and C. L. Shear, 313 Botrytis, 20, 53; Poeoniae, 111 Brassica, 159–164; oleracea, 184 Bromus secalinus, 195 Buellia yaucoënsis, 33 Bulbochaete, 95 Bullaria, 170 Buxus sempervirens, 141

Calamagrostis, 162

Caliciopsis pinea, 235 Caloplaca, 254–256, 258 Calycanthus, 163 Camellia, 163 Campanula americana, 194, 195 Cantharellus albidus, 104; cibarius, 279, 280; cinereus, 104; tubaeformis, 104 formis, 104
Capsicum, 159, 160
Carex, 5, 8, 16, 24, 161, 164, 171; acuta, 7, 8, 10, 11, 22; aquatilis, 87, 88; arenaria, 9-12, 14, 15; atherodes, 87; crinita, 22, 23, 26, 30; debilis Rudgei, 290; eburnea, 86, 88; flava, 22, 23; gracilis, 10, 15, 22; Hudsonii, 8, 10, 12, 15, 16, 22; hystricina, 22, 23; interior, 18, 22, 23, 26, 27, 29, 30; lanuginosa, 86-88; nebraskensis, 16, 22, 23; pani-88; nebraskensis, 16, 22, 23; pani-culata, 8–11, 14, 15; prairea, 16, 18, 22, 25–27, 29, 30; retrorsa, 26, 29, 30; rigida, 23; riparia, 22, 23; rostrata, 22, 23; scabrata, 290; Sprengelii, 87; stricta, 8, 10, 12–14, 16–18, 21, 22, 25; vesicaria, 26, 30; vesicaria monile, 288, 291; viridula, 26; valida in 10, 12–14 86; vulpina, 7, 8, 10, 11, 15, 22

Carya, 283 Cash, Edith K., and Wm. W. Diehl, The taxonomy of Peziza quernea, 243

Cassia, 160-163

Castanea, 160, 276; dentata, 274, 324 Catalpa, 160, 161 Celosia, 161 Cenangium, 243; Abietis, 235; querneum, 244; turgidum, 244, 246, 247 Cenchrus carolinianus, 194 Ceratiomyxa fruticolosa, 262; porioides, 262 Cercis canadensis, 188

Cercospora, 304, 306, 309, 311: Chenopodii micromacula, 329; Cryptotaeniae, 329; Davisii, 309, 311, 312; helvola, 309–312; Medicaginis, 309– 312; Meliloti, 309-311; Phaseoli, 329; Stolziana, 309-312; umbrata maculata, 330; zebrina, 310-312 Cercosporella Lilii, 327

Chaetomium, 210, 216; subterrane-um, 207, 208, 210, 217, 218; trigonosporum, 210

Chardon, Carlos E., Franklin Sumner Earle, 301 harles, Vera K., Mrs. Flora Wam-baugh Patterson, 1

Chenopodium, 160; Boscianum, 329 Chrysopsis mariana, 326

Ciboria, 12 Cicinnobolus Uncinulae, 107 Ciferri, R., An easy method for the study of simple Hyphales in cul-

tures, 151 Circinella, 216; simplex, 207, 208,

217, 218 Cirsium, 161; arvense, 291; lanceo-latum, 195, 290

Citrullus vulgaris, 327 Citrus, 159–164; paradisi, 120, 128; sinensis, 120, 128

Cladophora, 95 Cladosporium brevipes, 327; her-

barum, 111; Pisi, 196; subsessile, 327; Triostei, 196 Claudopus, 280; subdepluens, 279

Clavaria formosa, 97; incarnata, 98; myceliosa, 97; purpurea, 98; occidentalis, 97, 98; rosea, 98; rugosa,

Claviceps, 20, 293; caricina, 6, 16; nigricans, 7, 9, 10 Clematis, 161, virginiana, 290 Clitocybe, 168; amara, 103; ta-

bescens, 103

Clonostachys araucaria, 111 Coffea, 160

Coker's Gasteromycetes, Fred J. Seaver, 52

Coleosporium, 80; delicatulum, 288; Solidaginis, 81, 82, 288; Viburni,

Coleosporium, The Uredinia of Melampsora and, E. H. Moss, 79 Coleroa, 181

Collaea, 161

Collections of rusts made in New York State, W. R. Hunt, 288 Collemopsidium atlanticum, 34

Collybia, 168; conigenoides, 103 Colorado, History of mycological collectors in, Paul F. Shope, 292

Colutea, 162 Comatricha elegans, 268; flaccida, 268; irregularis, 268; laxa, 268; nigra, 268; **Rispaudii**, 297, 298; Suksdorfii, 268; typhoides, 268

Comparison of two species of Plecto-discella, A, A. E. Jenkins and J. G. Horsfall, 44

Coniosporium apiosporoides, 3 Fairmani, 327; parasiticum, 327 Coniothecium Eriodictyonis, 331

Coniothyrium Fuckelii, 107; Hellebori, 107

Contributions to a mycological flora of local soils, Marjorie E. Swift, 204

Contributions to our knowledge of Oregon fungi-III, S. M. Zeller, 97 Convolvulus, 116; panduratus, 115, 116

Coprinus, 168, 229; atramentarius, 202; comatus, 105; micaceus, 197,

Coronophora angustata, 275; ootheca,

Corticium apiculatum, 280; centri-fugum, 99; ermineum, 280; evol-vens, 99; lividum, 99; Overholtsii, 281; Pruni, 282; stramineum, 282 Corylus californica, 108

Coryneum Rhododendri, 109 Crataegus, 110, 161, 289 Craterellus cornucopioides, 98

Craterium aureum, 265; leucocephalum, 265; minutum, 265

Cribraria argillacea, 269; aurantiaca, 270; cuprea, 270; dictydioides, 270; elegans, 270; intricata, 298; languescens, 262, 270; laxa, 298; macrogutescens, 269, 298; minutissima, 270; piriformis, 270; piriformis notabilis, 270; purpurea, 270; rufa, 270; rufa, 270; splendens, 270; tenella, 270 Crithmum, 163

Crithmum, 103 Cronartium Comandrae, 80, 82; 289 Ouercus, 289; Comptoniae, 289; Quercus, 289; ribicola, 235, 237, 241, 288, 289; ribicolat, 235, 237, 241, 288, 289 Cryptosphaeria populina, 233, 276 Cryptostictis, 191; hysterioides, 191; inaequalis, 191

Cryptotaenia canadensis, 329 Cucumis, 159, 160, 162, 164

Cucurbita, 159, 160-163
Cultures, An easy method for the study of simple Hyphales in, R. Ciferri, 151 23

Cultures of Agaricus campestris, The production of normal sporophores in monosporous, Edmund B. Lambert, 333

Cultures of sclerotial fungi, H. H. Whetzel, 53

Cunninghamella, 216; elegans, 207, 210

Cvathus striatus, 107

Cylindrosporium Crataegi, 110

Cynara, 164

Cyperus Schweinitzii, 194; strigosus, 194

Cyphella fasciculata, 99 Cyphellopycnis, 189; Pastinacae, 189

Cytisus scoparius, 102 Cytospora, 233, 278; chrysosperma,

107; sambucicola, 189, 190; sambucina, 189, 190

Cytosporina, 233

Dahlia, 164 Darluca Filum, 79

Dasyscypha Agassizii, 235-242

Dasyscypha Agassizii on Pinus Stro-bus, Walter H. Snell, 235

Datisca, 161
Datura, 159, 163, 164
Daucus, 162, 163
Dearness, John, New a worthy Fungi—VI, 326 New and Note-

Deinacanthon, 160

Dendryphium brunneum, 330 Depazea Meliloti, 311

Desmella, 77; Aneimiae, 77; mbato-biensis, 77; obovata, 77, 78; super-ficialis, 77

Desmella, Another fern rust of the genus, J. C. Arthur, 77 Diachaea caespitosa, 298; cylindrica,

298, leucopoda, 268, 322

Dianema Andersonii, 271; corticatum, 271

Dianthus, 159, 161-164; Caryophyllus, 288, 291

Diaporthe, 319 Dicaeoma, 170, 336; Allenii, 86 Dichaena, 157, 246, 247; quercina,

247 Dictamnus, 161

Dictydiaethalium plumbeum, 269, 322

Dictydium cancellatum, 270

Diderma asteroides, 267; deplanatum, 262, 266; floriforme, 267; globosum, 266; hemisphericum, 266; Lyallii, 266; niveum, 266; radiatum, 266; radiatum umbilicatum, 266; spumaroides, 266; testaceum, Trevelyani, 266

Didymium annulatum, 266; Clavus, 262, 266; difforme, 266; melano-265; melanospermum sporum,

minus, 265; nigripes, 266; squamulosum, 265, 322; xanthopus, 266 Diehl, Wm. W., and Edith K. Cash, The taxonomy of Peziza quernea, 243 Digitaria humifusa, 194; sanguinalis,

iplodia, 190, 313, 314; acericola, 190, 191; acerina, 190; atrata, 191; Diplodia. extensa, 191; maura, 108; microsporella, 190; minutissima, 191; natalensis, 317; petiolarum, 191; subtecta, 190; subtectoides, 190

Diplopeltis, 193; sassafrasicola, 193 Dodge, B. O., The nature of giant spores and segregation of sex factors in Neurospora, 222

Earle, Franklin Sumner, Carlos E. Chardon, 301

Easy method for the study of simple Hyphales in cultures, An, Ciferri, 151

Elaeagnus angustifolia, 86, 88; commutata, 86-88

Elaphoglossum chartaceum, 78; latifolium, 78

Elsinoe, 44; viticola, 44 Elymus virginicus, 194, 195 Enerthenema papillatum, 268 Enteridium olivaceum, splendens, 269 322; 269,

ambiens, 6, 8, 10–12; quiserum Epidochium affine,

Equisetum arvense, 196 Eriodictyon tomentosum, 331

Eriophorum angustifolium, 24; polystachium, 24 Erysiphe Martii, 194 Erythrina herbacea, 115

Etheirdon, 146 Etter, Bessie E., New media for developing sporophores of wood-rot fungi, 197

Eucalyptus, 120, 122, 128, 160, 314 Euphorbia, 161; Cyparissias, 288, 289 Evonymus, 161

Exophoma astericola, 188

Exosporium Betheli, 332; deflectens, 332; rhoina, 332

Ferula, 163 Fern rust of the genus Desmella, Another, J. C. Arthur, 77 Festuca, 160 Ficus, 162, 163

Finkia portoricensis, 34 Florida, The occurrence of tuckahoes and Poria Cocos in, George F. Weber, 113

Fomes Ribis, 100

Fraser, W. P., and G. A. Ledingham,

Studies of the sedge rust, Puccinia Caricis-Shepherdiae, 86

Fraxinus americana, 275; quadrangulata, 196

Fuligo septica, 263, 322 Fumago vagans, 330

Fungi-VI, New and Noteworthy, John Dearness, 326

Fusarium, 207, 208, 214-216, 218; elegans, 207, 214; merismoides, 111; phacidioideum, 331; roseum, 207, 215; viticola, 111

Fusicoccum pyrorum, 107

Galeobdolon, 160 Ganoderma, 202; Curtisii, 202; polychromum, 202

Gautieria graveolens, 107 Geaster triplex, 106

Gloeosporium affine, 181; Equiseti, 196; fraxineum, 196; musarum, 196; obtegens, 109; septorioides, 196

Glottidium, 161

Glutinium hystricinum, 331 Godronia, 243

Godroniopsis, 243, 247; quernea, 244,

Gomphidius ochraceus, 105; oregonensis, 105; subroseus, 105; tomentosus, 105

Goniolimon, 162 Gossypium, 162, 317

Grandinia, 146; coriaria, 149; taba-cina, 149

Greene, H. C., Myxomycetes of western Washington, 261 Grifola Tuckahoe, 124, 125

Grossularia, 163

Guignardia Bidwellii, 191 Gymnoconia interstitialis, 97, 288,

Gymnosporangium germinale, 289; inconspicuum, 332; Juniperi-virginianae, 289 Gynerium, 161

Gyrocollema scyphuliferum, 36

Hagelstein, Robert, New Mycetozoa from Long Island, 297 Hamamelis, 277; virginiana, 324

Hapalosiphon, 57

Harshberger, John W., An ancient Roman toadstool carved in stone,

Hawaiian Islands, Botryosphaeria and Physalospora in the, Neil E. Stevens and C. L. Shear, 313 Hebeloma fastibile, 104

Hedera, 161, 163

Hedgcock, George G., The large leaf

spot of chestnut and oak associated with Monochaetia Desmazierii, 324

Helianthus, 160 Helleborus niger, 107

Helminthosporium attenuatum, 330; inaequale, 192; lumbricoideum, 330 Hemitrichia clavata, 272, 322; ser-pula, 272; stipata, 272; vesparium,

Heracleum, 160

Heterosporium californicum, 331; Eucalypti maculicolum, 331; lari-cinum, 328; Laricis, 329; maculatum, 274

Heuchera glabra, 327

Hibiscus, 161–163, 317; Sabdariffa, 314; tiliaceus, 314, 315, 317 Hicoria alba, 324; glabra, laciniosa, 324; ovata, 325

History of mycological collectors in Colorado, Paul F. Shope, 292 Holcus lanatus, 290; Sorghum, 195 Hormodendrum, 216; cladosporioides,

207, 213 Horsfall, J. G., Species of Cercospora on Trifolium, Medicago, and Meli-

lotus, 304 Horsfall, J. G., and A. E. Jenkins, A comparison of two species of Plectodiscella, 44

Humaria, 238
Hunt, W. R., Collections of rusts
made in New York State, 288
Hutchinson, W. G., An undescribed
species of Macrophoma and of Volutella occurring on Pachysandra

terminalis, 131 Hydnaceae, Notes on the, Howard J. Banker, 145

Hydnellum, 147

Hydnum, 147; crinale, 148, 149; ferruginosum, 148, 149; imbri-catum, 100; repandum, 145; tomentosum, 148

Hymenoscypha Duriaeana, 7 Hypericum virginicum, 291

Hyphales in cultures, An easy method for the study of simple, R. Ciferri,

Hypholoma Candolleanum, 105 Hypochnus cinerascens, 283; echinosporus, 100; pallescens, 100; pennsylvanicus, 283; zygodesmoides,

Hypocrea, 213; rigens, 213 Hypoxylon, 162

Ilex, 162, 163Illinois—IV, Notes on the parasitic fungi of, L. R. Tehon and G. L. Stout, 180

Imperfect stage of Cryptosphaeria populina, The, E. J. Schreiner, 233 Iris, 159, 161, 163 Iva axillaris, 327

atropha, 163

Jenkins, A. E., and J. G. Horsfall, A comparison of two species of Plectodiscella, 44

uglans, 161; cinerea, 276

Juncus, 58, 66, 67, 69, 160, 162; militaris, 56, 57, 68, 73, 75; tenuis,

Juniperus occidentalis, 332; virginiana, 289

Kentia, 161

Kern, Frank D., A new rust handbook, 169 Klebahnia, 170

Kuehneola albida, 289

Lachnellula, 239 Lachnobolus globosus, 262, 271

Lactuca, 160, 162, 163

Lagenaria, 161 Lambert, Edmund B., The produc-tion of normal sporophores in monosporous cultures of Agaricus campestris, 333

Laminaria, 162

Lamproderma arcyrionema, 268; co-lumbinum, 268; robustum, 268; violaceum, 268, 322

Lantana aculeata, 315

Lappa, 157, 159 Larix americana, 278; occidentalis, 328

Lathyrus, 195

Leaf spot of chestnut and oak associated with Monochaetia Desmazierii, The large, George Go Hedgcock, 324

Lecanactis melanocheiloides, 37 Lecanora chlorophaeiza, 33; chlorophaeodes, 33; saxicola, 254; xan-thophana, 254, 257

Lecidea granulosa, 36; hilariella, 36; manatiensis, 35

Ledingham, G. A., and W. P. Fraser, Studies of the sedge rust, Puccinia Caricis-Shepherdiae, 86

Lentinus lepideus, 104, 197, 199, 202; Tuber regium, 124, 125

Leocarpus fragilis, 265 Lepargyraea argentea, 86-88; cana-

densis, 86-88 Lepidoderma carestianum granuli-ferum, 267; Chailletii, 262, 267; tigrinum, 267, 322

Lepiota decorata, 103; pulcherrima, 103

Leptonia parasitica, 280

Leptothyriella Liquidambaris, 192 Leucaena glauca, 314, 317

Libertella corticola, 110 Licea variabilis, 269 Liceopsis lobata, 262, 269 Lichens from Porto Rico, New species of, E. A. Vainio, 33 Ligustrum, 161 Lilium canadense, 327 Linaria, 162 Lindbladia effusa, 269 Linum usitatissimum, 79 Liquidambar styraciflua, 193 Long Island, New Mycetozoa from, Robert Hagelstein, 297 Longevity of Myxomycete spores, The, Ernest C. Smith, 321 Loramyces, 72, 75; juncicola, 72, 75 Loramyces, an undescribed aquatic Ascomycete, Observations on, William H. Weston, Jr., 55 Lotus, 160, 161 Lycogala epidendrum, 271; epidendrum exiguum, 271; flavo-fuscum, Lycoperdon cervinum, 123, poculiforme, 171; sclerotium, 115, 123; solidum, 114, 123, 125 Lycopersicum, 159, 161, 162, 164; esculentum, 182 Macrophoma, 131, 134, 137; Cercis, 188; Pachysandrae, 134, 136, 141; Phlei, 188; Smilacinae, 187

An undescribed species of, W. G. Hutchinson, 131 Macrosporium, 155-158; commune, 155 Macrosporium, Tabulation of Alternaria and, P. A. Young, 155 Magnolia, 119, 162; grandiflora, 120, Magnusson, A. H., The yellow species of Acarospora in North America, 249 Mahonia nervosa, 107 Malus, 44 Malva, 162, 163; rotundifolia, 291 Mangifera indica, 314 Margarita metallica, 271 Marssonia piriformis, 109 Media for developing sporophores of wood-rot fungi, New, Bessie E. Etter, 197 Medicago, 161, 304, 309, 311; arabica, 312; hispida, 312; lupulina, 306,

Macrophoma and of Volutella occurring on Pachysandra terminalis,

Melampsora americana, 288, 289; confluens, 79, 82; Euphorbiae, 288, 289; Lini, 79, 80, 82; Medusae, 79, 82, 289 Melampsora and Coleosporium, The Uredinia of, E. H. Moss, 79

312; maculata, 312; sativa, 306, 312

Melampsoropsis, 81 Melanconis Juglandis, 275 Melanopsichium austro-americanum, 194 Melanospora antarctica, 182; carpo-182; interna, 181. Marchaliana, 182; ornata, 182; Solani, 182 Melilotus, 161, 304, 309, 311; alba, 194, 306, 312 Mentha spicata, 291 Merulius americanus, 102; Corium, 102; fugax, 102; niveus, 102 Metasphaeria Asparagi, 182, 187; sassafrasicola, 183 Method for the study of simple Hyphales in cultures, An easy, R. Ciferri, 151 Metrosideros polymorpha, 319 Micropuccinia, 170 Mitrula, 55 Monochaetia Desmazierii, 324 Monostyla, 90, 95 Mortierella, 175; elasson, 176; Rostafinskii, 176; simplex, 176; strangu-

Mortierella, A new species of, C. P. Sideris and G. E. Paxton, 175 Morus alba, 328 Moss, E. H., The Uredinia of Melampsora and Coleosporium, 79 Mucor, 208, 216, 218; abundans, 207, 208; circinelloides, 207, 208; griseocyanus, 207, 208; griseo-lilacinus, 207, 209, 217, 218; varians, 207, 209

lata, 176

Mulgedium, 162
Musa, 162; sapientum, 196
Mycetozoa from Long Island, New,
Robert Hagelstein, 297
Mycological collectors in Colorado,
History of, Paul F. Shope, 292
Mycological flora of local soils,
Contribution to a, Marjorie E.

Swift, 204 Mycological notes for 1926–27, L. O. Overholts, 274 Mycoporum integrum, 40; pyreno-

carpum, 40
Mycosphaerella lethalis, 194; maculiformis, 276
Mylitta australia, 124

Mylitta australis, 124 Myrica asplenifolia, 289 Myrothecium, 216; convexum, 207, 215, 217, 218

Myxomycete spores, The longevity of, Ernest C. Smith, 321 Myxomycetes of western Washing-

ton, H. C. Greene, 261 Myxosporium corticola, 111

Nasturtium, 164 Nature of giant spores and segrega-

tion of sex factors in Neurospora, The, B. O. Dodge, 222

Negundo, 157, 161 Nelumbium, 163

Neofabraea malicorticis, 111

Nerium Oleander, 317

Neurospora crassa, 225-229; sito-phila, 222, 223, 225-231; tetra-sperma, 222-226, 230 Neurospora, The nature of giant

spores and segregation of factors in, B. O. Dodge, 222

New and noteworthy fungi-VI, John Dearness, 326

New media for developing sporo-phores of wood-rot fungi, Bessie E. Etter, 197

New mushroom book, A. L. O. Overholts, 167

New Mycetozoa from Long Island, Robert Hagelstein, 297

New rust handbook, A, Frank D. Kern, 169 New species of lichens from Porto

Rico. II, E. A. Vainio, 33 New species of Mortierella, A,

Sideris and G. E. Paxton, 175 New York State, Collections of rusts made in, W. R. Hunt, 288 Nicotiana, 159-163 Nigredo, 170, 336 Nigredo, 170, 336

Nitella, 93 North America, The yellow species of Acarospora in, A. H. Magnusson,

249 North American cup-fungi, The, Fred J. Seaver, 54

North American species of Sclerotinia II—Two species on Carex, S. Duriaeana (Tul.) Rehm, and S. longisclerotialis n. sp., H. H. Whetzel, 5

Note on the occurrence of two rotifer-capturing Phycomycetes, A, F. K. Sparrow, Jr., 90

Notes and brief articles, 52, 112, 167, 232, 336

Notes on the Hydnaceae, Howard J. Banker, 145

Notes on the parasitic fungi of Illinois—IV, L. R. Tehon and G. L. Stout, 180

Observations on Loramyces, an undescribed aquatic ascomycete, William H. Weston, Jr., 55

Occurrence of tuckahoes and Poria Cocos in Florida, The, George F. Weber, 113

Odontia, 146, 147; ferruginea, 147-149; nivea, 147 Oedogonium, 95

Oligonema brevifilum, 273; nitens,

Onobrychis, 160

Oospora hypoxylicola, 110 Ophiotrichum Verbenae, 329

Oregon fungi—III, Contribution to our knowledge of, S. M. Zeller, 97 Osmaronia cerasiformis, 109

Osmorhiza, 291

Osteomeles, 318; anthyllidifolia, 315 Overholts, L. O., A new mushroom book, 167; Mycological notes for 1926-27, 274

Ovularia obliqua, 111

Pachyma Cocos, 116, 117, 123-125; coniferarum, 124, 125; Hoelen, 124; pinetorum, 124, 125; solidum, 124, 125

Pachysandra terminalis, 131, 134, 136, 137, 141, 142

Pachysandra terminalis, An undescribed species of Macrophoma and of Volutella occurring on, W. G. Hutchinson, 131

Palmella, 40 Panaeolus papillionaceus, 105; reti-rugis, 105; subbalteatus, 105

Panax, 163, 317 Pandanus, 318; odoratissimus, 314 Panicum, 160; glabrum, 194; san-

guinale, 194

Papaver, 162, 163 Parasitic fungi of Illinois—IV, Notes on the, L. R. Tehon and G. L. Stout, 180

Parmelia chlorophana, 251 Pastinaca sativa, 189 Patellaria, 247; cenangiicola, 244,

246, 247 Patellea cenangicola, 244

Patterson, Mrs. Flora Wambaugh, Vera K. Charles, 1 Paxton, G. E., and C. P. Sideris, A new species of Mortierella, 175

Pelargonium, 160-162 Pelvetia, 162

Penicillium, 206-208, 211, 212, 216-218; Herquei, 207, 212; oxalicum, 207, 212; pinophilum, roseum, 207, 211; stoloniferum, 207, 211 Peniophora albula, 282; Allescheri,

282; mutata, 282 Peridermium Cerebrum, 288, 289

Persea, 47

Pertusaria mastocheila, 33 Pestalozzia Hartigii, 109; truncata,

Petroselinum, 162 Pezicula, 278

Peziza, 13; Agassizii, 238; crocea, 236; Duriaeana, 7, 9, 11, 12, 15;

quernea, 243, 244; subularis, 12; tuberosa, 12

Peziza quernea, The taxonomy of, Wm. W. Diehl and Edith K. Cash, 243

Phalaris arundinacea, 84 Phaseolus, 160, 163; vulgaris, 329 Phialea crocea, 236

Philadelphus Gordonianus, 107 Phlebia cinnabarina, 100; radicata,

Phleum pratense, 188, 290
Pholiota 202: blattaria 104: mar

Pholiota, 202; blattaria, 104; marginata, 104 Phoma, 134, 183, 235; Asparagi, 187;

asparagina, 183, 187; glandicola, 107; media, 187; Philadelphi, 107 Phragmidium Potentillae-canadensis, 289; Rosae-setigerae, 290

Phycomycetes, A note on the occurrence of two rotifer-capturing, F. K. Sparrow, Jr., 90

K. Sparrow, Jr., 90 Phyllachora, 178, 179; Pennellii, 178, 179; Simabae Cedronis, 178, 179 Phyllachora Simabae Cedronis, Stud-

ies in tropical Ascomycetes—VI. Fred J. Seaver, 178

Phyllosticta allegheniensis, 185; Castaneae, 274; Dearnessii, 185; effusa, 186; maculiformis, 276; mahoniaecola, 107; orobella, 195; plantaginella, 184; plantaginicola, 184; Plantaginis, 184; Podophyllina, 184; Procumbens, 134; Rugelii, 184; Sassafras, 195; Smilacis subeffusa, 186; sorghina, 195; subeffusa, 186; variabilis, 185 Phymatotrichum fungicola, 110

Physalospora, 313, 318, 319; fusca, 315; malorum, 315–317

Physarella oblonga, 265

Physarum alpinum, 263; bitectum, 263; carneum, 264; cinereum, 263, 322; citrinum, 264; compressum, 264; confertum, 263; conglomeratum, 263; contextum, 263; didermoides, 264; globuliferum, 264; nutans, 264; nutans leucophaeum, 265; oblatum, 264; penetrale, 264; polycephalum, 264; pulcherrimum, 264; pulchripes, 264; rubiginosum, 262, 264; sinuosum, 263; straminipes, 322; tenereum, 264; vernum, 263; viride, 265; wingatense, 264

Physostegia, 195 Phytolacca, 160, 162, 163 Picea, 99, 235, 236; Engelmanni, 199; mariana, 237, 242; rubra, 242

Pilea pumila, 195

Pinus, 163; contorta, 239; edulis, 199; faginea, 277; flexilis, 199; monticola, 236, 237, 242; ponderosa, 104, 199; pungens, 277; resinosa, 288; rhodoleuca, 277; rhodoleuca strobilina, 277; rigida, 277, 278, 281; strobilina, 277; Strobus, 236, 237, 242, 279; sylvestris, 236, 279, 288, 289; virginiana, 277

Pinus Strobus, Dasyscypha Agassizii on, Walter H. Snell, 235

Pipturus, 318; albidus, 314 Pirus communis, 50; malus, 50 Pisum, 159, 163; sativum, 196 Plantago, 184; Rugelii, 184

Platanus, 160; racemosa, 330 Plectodiscella Piri, 44–50; veneta,

Plectodiscella, A comparison of two species of, A. E. Jenkins and J. G. Horsfall, 44

Pleospora herbarum Brassicae, 184; Oleraceae, 183

Pleurotus ostreatus, 197, 202 Plowrightia morbosa, 110 Poa annua, 291

Podophyllum peltatum, 185 Polygonum pennsylvanicum, 194

Polypodium, 161

Polyporus arcularius, 202; Berkeleyi, 100; crispus, 100; cuneatus, 101; delectans, 101; diatortus, 101; epileucus, 101; Farlowii, 202; fumosus, 101; guttulatus, 101; Mylittae, 125; perennis, 107, 202, 279; tuberaster, 125

Polytrichum, 161 Populus, 4, 276; alba, 109; Sargentii, 285; tremuloides, 275, 285, 289,

327; trichocarpa, 108

Poria, 121, 124, 126; ambigua, 101; carbonaria, 101; Cocos, 123-125, 128; corticola, 285; ferruginosa, 101; incrassata, 101; incrustans, 101; mucida, 101; Vaillantii, 101

Poria Cocos in Florida, The occurrence of tuckahoes and, George F. Weber, 113

Porina subprospersella, 39

Porto Rico. II, New species of lichens from, E. A. Vainio, 33

Potentilla canadensis, 289

Production of normal sporophores in monosporous cultures of Agaricus campestris, The, Edmund B. Lambert, 333

Propolis faginea, 277

Proposed amendments to the international rules of nomenclature, J. C. Arthur, 172

Prosopis, 317

Prototrichia metallica, 272

Prunella vulgaris, 195 Prunus, 157, 160, 163, 282

Psalliota arvensis, 41; brunnescens,

41-43; campestris, 41; subrufescens. 41

Psalliota brunnescens under cultivation? Is, F. C. Stewart, 41 Pseudodictya, 181, 192; sassafrasi-

cola, 192

seudotsuga, 99, 100; mucronata, 279; taxifolia, 99, 102, 104, 237, Pseudotsuga, 242, 331

Psidium Guajava, 314 Psoralea esculenta, 116 Pteridium aquilinum, 109

Puccinia, 162, 170, 336; Andropogi, 290; Anemones-virginianae, 290; angustata, 194, 290; Asparagi, 290; Asteris, 290; Asterum, 170, 290; Bardanae, 194, 290; biformis, 171; canaliculata, 194; Caricis-Shepherdiae, 86, 88; Clematidis, 290; Cnici, 290; coronata, 87, 290; graminis, 171, 290; Grossulariae, 290; Hieracii, 290; Malvacearum, 291; Menthae, 291; Pimpinellae, 291; Po-arum, 291; poculiformis, 171; Sarcobati, 171; Sommerfeldtii, 171; suaveolens, 291; Urticae, 288, 291; urticata, 171; Violae, 291

Puccinia Caricis-Shepherdiae, Studies of the sedge rust, W. P. Fraser and G. A. Ledingham, 86

Pucciniola, 170 Pyrenula atrofuscescens, 39; atropurpurea, 39

Pyrus, 44, 160–163 Pythium, 93, 94

Quercus, 100, 120, 128, 160, 162, 164, 246, 277; alba, 196, 246, 325; borealis maxima, 324; coccinea, 246, 325; Garryana, 99, 107; imbricaria, 196; macrocarpa, 196; maribalise, 246, 325; repulsaria, 196; pagilaria, 246, 325; repulsaria, 246, 325; repulsaria marilandica, 246, 325; montana, 325; myrtifolia, 325; phellos, 119; Prinus, 276, 331; rubra, 325; stellata, 325; tirctoria, 246; velutina, 325; virginiana, 246; virginiana, 246 iana geminata, 325

Ramularia Archangelicae, 326; Chrysopsidis, 326; Grantii, 326; Ivae, 326; Mitellae Heucherae, 327

Raphanus, 159 Reticularia Lycoperdon, 269, 322

Rhabdospora Rubi, 108, 109

Rhizoclonium, 91 Rhizopogon occidentalis, 106; rubescens, 106

Rhizopus, 208, 216, 218; nigricans, 206, 207, 209; nigricans minor, 207, 209; nodosus, 207, 209

Rhododendron, 109 Rhus, 160; diversiloba, 98; glabra, 332 Ribes, 157, 160; prostratum, 288, 289 Ricinus, 160, 162; communis, 314 Rosa, 47, 159; carolina, 290

Rotifer-capturing Phycomycetes, A note on the occurrence of two, F. K. Sparrow, Jr., 90 Rubus, 161, 185; allegheniensis, 185,

289; hispidus, 289; leucodermis, 108, 109; spectabilis, 107; villosus, 288, 289

Rumex, 111

Rusts made in New York State, Collections of, W. R. Hunt, 288 Ruta, 162

Sagittaria, 163 Salix, 82, 108, 158, 160; cordata, 289; fragilis, 288, 289; lutea, 79; petio-

laris, 289; purpurea, 276 Sambucus, 159; glauca, 108 Saponaria, 161, 163

Sassafras variifolium, 181, 183, 192, 193, 195

Satureja vulgaris, 291

Schinus Molle, 314; terebinthifolius, 314

Schoenus, 6, 9; nigricans, 7-9, 15 Schreiner, E. J., The imperfect stage of Cryptosphaeria populina, 233 Scirpus atrovirens, 194; cyperinus, 194, 290; occidentalis, 108; poly-

phyllus, 194 Sclerotinia, 5, 8, 9, 14, 53; Duriaeana, 5-30; longisclerotialis, 5, 16, 19-28; scirpicola, 18; Vahliana, 23, 24 Sclerotinia II.—Two species on Ca-

rex, S. Duriaeana (Tul.) Rehm, and S. longisclerotialis n. sp., North American species of, H.H. Whetzel, 5

Sclerotium bifrons, 275; Cocos, 115, 123, 125; Eleocharidis, 9; giganteum, 116, 123, 125; nigricans, 7, 9, 11; sulcatum, 6-12, 15

Scolopendrium, 162 Seaver, Fred J., Coker's Gastero-mycetes, 52; Studies in tropical Ascomycetes—VI. Phyllachora Simabae Cedronis, 178; The North American cup-fungi, 54

Secale, 161

Segregation of sex factors in Neuro-The nature of giant spores spora, and, B. O. Dodge, 222

Septogloeum Nuttalliae, 109; sub-nudum, 196

Septonema formiculum, 328

Septoria, 311; Aceris-macrophylli, 108; Agrimoniae, 195; Agropyri, 195; Alni, 108; bacilligera, 195; Bromi, 195; Brunellae, 195; Campanulae, 195; Commonsii, 195;

conspicua, 195; Corylus, 108; narviconspicua, 195; Coryus, 108; narvi-siana, 108; Physostegiae, 195; Pileae, 195; Populi, 108; salicina, 108; sambucina, 108; sonchifolia, 195; spadicea, 4; Stellariae, 108; Tecomae, 192; Tecomaxochitl, 191 Setaria, 159; glauca, 194 Sex factors in Neurospora, The nature of giant spores and segrega-tion of, B. O. Dodge, 222 Shear, C. L., and Neil E. Stevens, Botryosphaeria and Physalospora in the Hawaiian Islands, 313 Shepherdia canadensis, 86 Shope, Paul F., History of mycological collectors in Colorado, 292 Sideris, C. P., and G. E. Paxton, A new species of Mortierella, 175 Silene, 163 Smilacina stellata, 187 Smilax, 186; hispida, 186, 196 Smith, Ernest C., The longevity of Myxomycete spores, 321 Snell, Walter H., Dasyscypha Agas-sizii on Pinus Strobus, 235 Soils, Contributions to a mycological flora of local, Marjorie E. Świft, 204 Solanum, 159-164; Melongena, 160 Solenia anomala, 99 Solidago, 290; bicolor, 289; graminifolia, 288; juncea, 289; rugosa, 81, Sommerstorffia. 92-95: spinosa. 90. Sonchus, 161, 164; oleraceus, 195 Sorbus scopulina, 330 Sorghum, 162 Sparganium, 163 Sparrow, F. K., Jr., A note on the occurrence of two rotifer-capturing Phycomycetes, 90 Species of Cercospora on Trifolium, Medicago, and Melilotus, James G. Horsfall, 304 Sphacelia ambiens, 7, 10, 11; nigricans, 7, 9, 10 Sphaceloma, 49; ampelinum, 44, 47; Fawcettii, 47; Symphoricarpi, 47 Sphaerobolus stellatus, 277 Sphaerographium Fraxini, 275 Sphaeronema acerinum, 275 Sphaeropsis, 161, 314; Gouldiae, 314, 317; Phlei, 188 Sphaerotheca Humuli, 107 Spinacia, 164

Spirogyra, 94, 95

Lambert, 333

Starbaeckia, 243

Sporophores in monosporous cultures

Stachybotrys, 216; atra, 207; 213

of Agaricus campestris, The pro-

duction of normal, Edmund B.

Steironema ciliatum, 195; lanceo-latum, 195 Stellaria media, 108 Stemonitis axifera, 267; ferruginea, 322; flavogenita, 267, 322; fusca, 267; herbatica, 267; hyperopta, 267; herbatica, 267; hyperopta, 267; pallida, 267; splendens, 267; uvifera, 267 Stemphylium, 155; Tritici, 4 Sterculia, 160 cereum, 238, 282; bicolor, 283; Chailletii, 98; cinerascens, 98; erumpens, 98; fuscum, 283; Mur-Stereum, rayi, 99; rugisporum, 99, 283; sanguinolentum, 99, 235; subpileatum, 99 Stevens, Neil E., and C. L. Shear, Botryosphaeria and Physalospora in the Hawaiian Islands, 313 Stewart, F. C., Is Psalliota brunnescens under cultivation? 41 Stigeoclonium, 57 Stigmatea, 181 Stigmatodothis, 181 Stigmatophragmia, 180, 181; sassafrasicola, 181 Stigmella Platani, 330; Platani-racemosae, 330; Vernoniae, 330 Stigmina Vitis, 328 Stigonema, 57 Stipa, 160; avenacea, 194; spartea, Stout, G. L., and L. R. Tehon, Notes on the parasitic fungi of Illinois—IV, 180 Stropharia squamosa, 105 Strumella corvnoidea, 277 Studies in tropical Ascomycetes-VI. Phyllachora Simabae Cedronis, Fred J. Seaver, 178 Studies of the sedge rust, Puccinia Caricis-Shepherdiae, W. P. Fraser and G. A. Ledingham, 86 Stysanus, 216; medius, 207, 213, 217, 218; Stemonites, 111 Suaeda, 159 Swift, Marjorie E., Contributions to a mycological flora of local soils, 204 Symphoricarpos, 159 Symplocarpus, 161 Syringa, 159, 160

Tabulation of Alternaria and Macrosporium, P. A. Young, 155
Taphrina, 4
Taraxacum officinale, 290

Taxonomy of Peziza quernea, The, Wm. W. Diehl and Edith K. Cash, 243

Tecoma radicans, 191 Tehon, L. R., and G. L. Stout, Notes on the parasitic fungi of Illinois-IV, 180

Teleutospora, 170

Thea, 161 Thelotrema alboolivaceum, 38; Crassulum, 38; pauperculum, 37; porinoide, 38; subcrassulum, 38; terebratum, 38

Theobroma, 159

Thielaviopsis paradoxa, 4
Thuja orientalis, 278; plicata, 285
Toadstool carved in stone, An
ancient Roman, John W. Harshberger, 143

Trametes benzoina, 101; mollis, 101; Peckii, 202; tenuis, 102

Trentepohlia, 39

Trichia alpina, 262, 272; botrytis, 273, 322; decipiens, 273; erecta, 273; favoginea, 273, 322; inconspicua, 272; lateritia, 273, 322; inconspicua, 272; lateritia, 273, 322; persimilis, 272; scabra, 272, 322; subfusca, 273; varia, 272; verrucosa, 273

Trichoderma, 208, 216, 218; Koningi, 207, 212, 217, 218

Tricholoma bicolor, 103; rutilans, 103 Trichosanthes, 164

Trichosporium, 216; nigricans ligni-cola, 207, 213, 217, 218 Trichurus, 214, 216; cylindricus, 214;

Trichurus, 214, 216; cylindricus, 214; gorgonifer, 214; spiralis, 214; terrophilus, 207, 208, 214, 217, 218

Trifolium, 161, 304, 309, 311; agrarium, 304, 306, 312; alpestre, 312; hybridum, 291, 304, 306, 312; incarnatum, 312; medium, 312; pratense, 291, 306, 312; repens, 291, 306, 310, 312

Triosteum aurantiacum, 106

Triosteum aurantiacum, 196

Triticum, 159, 164

Tsuga canadensis, 236, 242; heterophylla, 100 Tubifera ferruginosa, 269

Tuckahoes and Poria Cocos in Florida, The occurrence of, George F. Weber, 113

Tuckhaus rugosus, 125

Tylostoma australianum, 106; Berkeleyii, 106; poculatum, 106; ver-rucosum, 106

Typha latifolia, 274

Uleomyces, 44

Ulmus, 98; alata, 325 Undescribed species of Macrophoma

and of Volutella occurring on Pachysandra terminalis, An, G. Hutchinson, 131

Uredinia of Melampsora and Coleo-sporium, The, E. H. Moss, 79 Uredo Aneimiae, 77

Urocystis Agropyri, 194

Uromyces, 170; caryophyllinus, 288, 291; hybridi, 291; Hyperici-fron-dosi, 291; pedatatus, 291; Silphii, 291; Trifolii, 291; Trifolii-repentis, 291

Urtica, 161, 171; gracilis, 194

Ustilago, 161; Cenchri, 194; echinata, 84, 85; hypodytes, 194; Paniciglauci, 194; Rabenhorstiana, 194; Vestergreni, 85

Ustilago echinata Schröt., D. M. Benedict, 84

Vaccinium, 330 Vainio, E. A., New species of lichens from Porto Rico, II, 33

Valeriana edulis, 116

Valerianella, 159 Valsa, 278; Abietis, 278, 279; collicula, 279; Pini, 279

Venturia inaequalis, 47 Verbena urticaefolia, 329 Vernonia gigantea, 331

Verticillium, 216; lateritium, 207, 213, 217, 218 Vibrissea, 55, 71

Viburnum, 160° Viola, 162, 163; eriocarpa, 291 Vitis, 159, 161, 162, 191; Girdiana, 328; rotundifolia, 191

Buxi. 141:

Volutella, 131, 137; Pachysandrae, 140–142

Volutella occurring on Pachysandra terminalis, An undescribed species of Macrophoma and of, W. G. Hutchinson, 131

Volvaria speciesa, 105

Washington, Myxomycetes of west-ern, H. C. Greene, 261

Weber, George F., The occurrence of tuckahoes and Poria Cocos in

Florida, 113 Weston, William H., Jr., Observations on Loramyces, an undescribed

aquatic ascomycete, 55 Whetzel, H. H., Cultures of sclerotial fungi, 53; North American species of Sclerotinia II.—Two species on Carex, S. Duriaeana (Tul.) Rehm,

and S. longisclerotialis n. sp., 5 Wikstroemia, 318; phillyreaefolia, 314, 315

Wood-rot fungi, New media for developing sporophores of, Bessie E. Etter, 197

Xerotus, 202

Yellow species of Acarospora in

- North America, The, A. H. Mag-nusson, 249 Young, P. A., Tabulation of Alter-naria and Macrosporium, 155 Yucca, 160
- Zea, 159, 162, 164; Mays, 111 Zeller, S. M., Contribution to our
- knowledge of Oregon fungi—III, 97

- Sophagus, 94, 95; insidians, 90, 93
  Zygnema, 94
  Zygodesmus granulosus, 149; hydnoideus, 150; rubiginosus, 150
  Zygorrhynchus, 208, 216, 218; Moelleri, 207, 210; Vuilleminii, 207, 209, 217, 218

